

U.S.S.N. 10/707,090

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**REMARKS**

In the Office Action dated January 7, 2005, claims 1-27 are pending. Claims 1, 24, and 26 are independent claims from which all other claims depend therefrom. Claims 1, 3-6, and 24-27 have been amended. Claims 1, 24, and 26 have again been amended for clarification reasons.

Claims 1-27 stand rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for field shaping coils disposed between a gradient coil assembly, does not reasonably provide enablement for field shaping coils disposed within a gradient coil. The Office Action states that a proper claim limitation would be for field shaping coils to be disposed within a gradient coil assembly or for field shaping coils to be between gradient shield coils and a patient enclosure.

Applicants have amended all of the independent claims 1, 24, and 26 to be in agreement with that suggested as proper claim limitations by the Office Action. Claim 1 now recites at least one field-shaping coil residing between at least one gradient shield coil and a patient bore enclosure. Claim 24 now recites at least one static field-shaping coil residing within a gradient coil assembly. Claim 26 now recites at least one static field-shaping coil residing between at least one gradient shield coil, similar to claim 1.

Applicants submit that the specification is enabling for the now recited limitations in claims 1-27 and that claims 1-27 are now in an allowable form.

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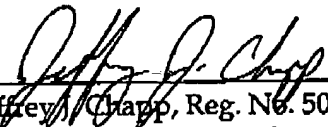
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In light of the amendments and remarks, Applicant submits that all of the rejections are now overcome. The Applicant has added no new matter to the application by these amendments. The application is now in condition for allowance and expeditious notice thereof is earnestly solicited. Should the Examiner have any questions or comments, he is respectfully requested to call the undersigned attorney.

Respectfully submitted,

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